



## Material Content Data Sheet



<b>Sales Product Name</b>				IPD30N03S2L-20		<b>Issued</b>		24. January 2018	
<b>MA#</b>				MA001661974					
<b>Package</b>				PG-TO252-3-11		<b>Weight*</b>		369.56 mg	
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]	
chip	inorganic material	silicon	7440-21-3	1.348	0.36	0.36	3648	3648	
leadframe	inorganic material	phosphorus	7723-14-0	0.065	0.02		175		
	non noble metal	iron	7439-89-6	0.215	0.06		583		
	non noble metal	copper	7440-50-8	215.017	58.18	58.26	581815	582573	
	non noble metal	aluminium	7429-90-5	0.944	0.26	0.26	2554	2554	
wire	non noble metal	aluminium	7429-90-5	0.944	0.26	0.26	2554	2554	
encapsulation	organic material	carbon black	1333-86-4	1.275	0.34		3449		
	plastics	epoxy resin	-	22.307	6.04		60361		
	inorganic material	silicondioxide	60676-86-0	103.888	28.11	34.49	281110	344920	
leadfinish	non noble metal	tin	7440-31-5	3.740	1.01	1.01	10120	10120	
plating	inorganic material	phosphorus	7723-14-0	0.000	0.00		1		
	non noble metal	nickel	7440-02-0	0.091	0.02	0.02	246	247	
solder	non noble metal	tin	7440-31-5	0.029	0.01		80		
	noble metal	silver	7440-22-4	0.037	0.01		99		
	non noble metal	lead	7439-92-1	1.404	0.38	0.40	3799	3978	
heatspreader	inorganic material	phosphorus	7723-14-0	0.006	0.00		16		
	non noble metal	iron	7439-89-6	0.019	0.01		52		
	non noble metal	copper	7440-50-8	19.177	5.19	5.20	51892	51960	
*deviation	< 10%			Sum in total:		100.00		1000000	

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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